

STATEMENT OF ENERGY PERFORMANCE Walnut Hill Elementary School

Building ID: 1561208

For 12-month Period Ending: October 31, 20081 Date SEP becomes ineligible: February 28, 2009

Date SEP Generated: November 11, 2008

Facility Walnut Hill Elementary School 2834 S. US 127 Liberty, KY 42539

Facility Owner Casey County Schools 1922 N. U.S. 127 Liberty, KY 42539 (606) 787-6941

Primary Contact for this Facility Wayne Thomas 1708 Jaggie Fox Way Lexington, KY 40511 859-253-2459 wthomas@ktaeng.com

Year Built: 2007

Gross Floor Area (ft2): 66,162

Electric Distribution Utility Taylor County Rural E C C

Energy Performance Rating² (1-100) 75

Site Energy Use Summary³ Electricity (kBtu) 2,686,609 Natural Gas (kBtu)4 2.686.609 Total Energy (kBtu) Energy Intensity5 41 Site (kBtu/ft²/yr) 136 Source (kBtu/ft²/yr) Emissions (based on site energy use) 542 Greenhouse Gas Emissions (MtCO₂e/year)

National Average Comparison National Average Site EUI 51 National Average Source EUI 170 % Difference from National Average Source EUI -20% K-12 **Building Type** School

Pro	fessional Engineer Stamp
Signature: _	
time of my	the conditions observed at the visit to this building, I certify that prmation contained within this

with the PE Guidelines.

Meets Industry Standards⁶ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality Yes Acceptable Thermal Environmental Conditions Yes Adequate Illumination Yes **Professional Engineer** License Number: 18353 State: KY Wayne Thomas 1708 Jaggie Fox Way Lexington, KY 40511

859-253-2459

Notes:

- 1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
- 2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR 3. Values represent energy consumption, annualized to a 12-month period.
- 4. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code. 5. Values represent energy intensity, annualized to a 12-month period.
- 6. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, PE facility inspection, and notarizing the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.